



Gulf of Mexico Harmful Algal Bloom Bulletin

27 August 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: August 20, 2007

Conditions Report

There is currently no indication of harmful algal bloom presence along the coast of south-west Florida. No impacts are expected in any Florida counties today through Monday, September 3.

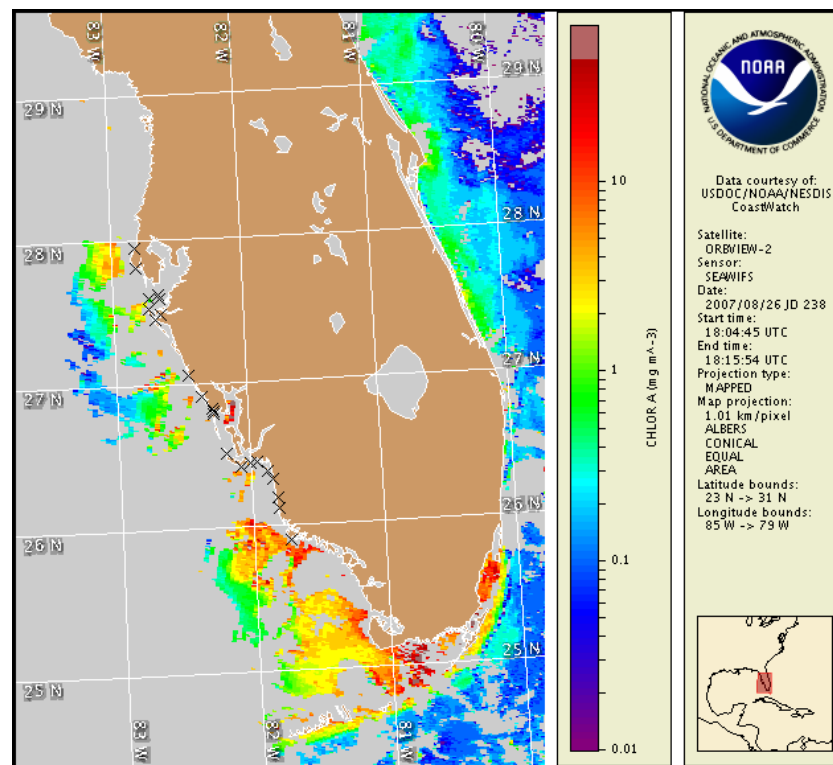
Analysis

Unless a change in the conditions occurs, due to federal government closures for Labor Day the next bulletin will be issued on Tuesday, September 4, 2007.

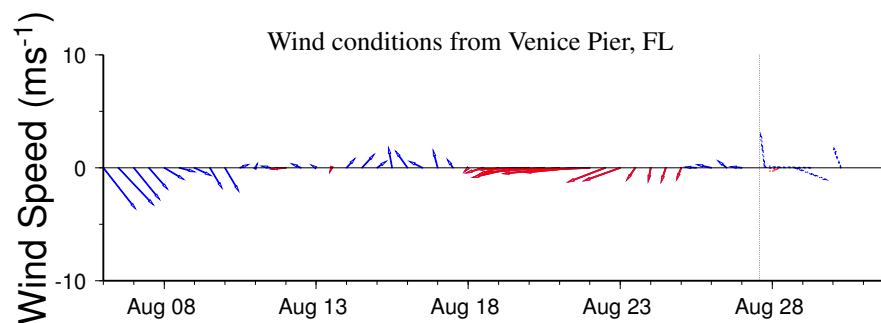
Recent sample results indicate that the harmful algae *Karenia brevis* is not present in southwest Florida (8/10-23, FWRI). The most recent satellite imagery (8/26) is cloudy; however, patches of elevated chlorophyll levels are visible offshore central Collier County. These patches are due to the presence of nonharmful algae along the coast of southwest Florida as confirmed by sampling (FWRI).

No impacts are expected along the southwest Florida coast today through Friday.

Urizar, Allen



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from August 17-23 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

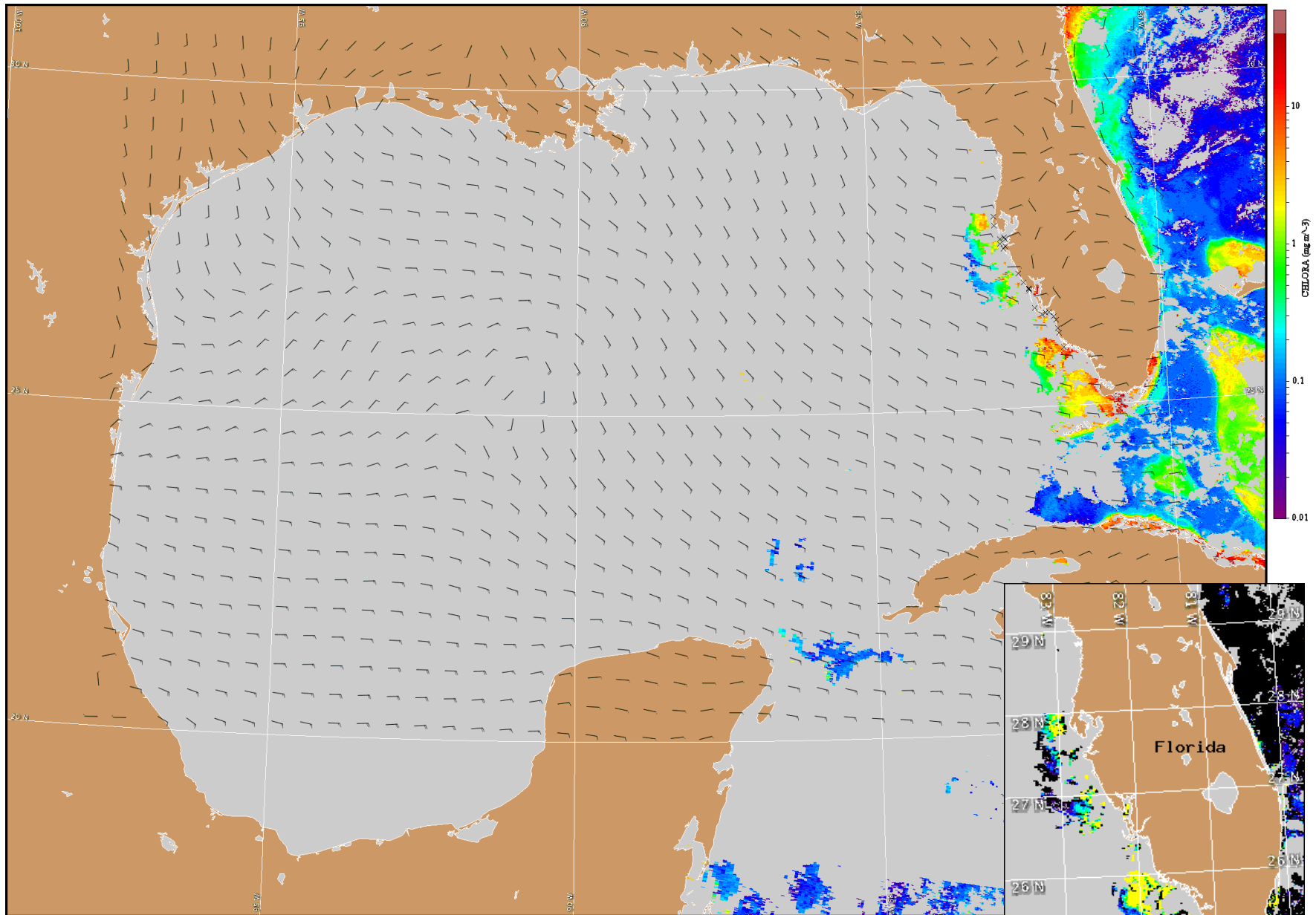


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Onshore winds (5-10 kt, 3-5 m/s) today. Southeasterly winds tonight. Easterly winds (5-10 kt) Tuesday through Thursday with onshore winds during the afternoons. Southeasterly winds on Friday (5-10 kt) with onshore winds during the afternoon.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for August 28, 2007 06Z with cell concentration sampling data from August 17-23 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).